

RULES AND REGULATIONS (DRONE - JUNIORS)

Eligibility Criteria:

- Only school students from classes 6th to 10th are allowed to participate.

Team & Roles:

- Each team must consist of 2 or 4 members (Odd number participation not allowed).
- In teams of 4 members, they are divided into 2 sub-teams (each consisting of 1 pilot and 1 co-pilot).
- In 4-member teams, 2 members will pilot the drone in turns, while the other 2 will act as co-pilots. In teams of 2 members, they will alternate as pilot and co-pilot.

Registration and Replacement Policies:

- Registered participants cannot be replaced until the finals.
- Only one drone model can be used throughout the competition.
- Participants will receive a confirmation email upon registration in prelims and zonal level.

Drone Handling and Specifications:

- Participants must have their drones checked by the coordinator before each competition level. (30 x 30 cm - L x B) Drones exceeding the size limit will lead to disqualification.
- Only specific types of drone kits are allowed. Purchase of selected model drone kits are allowed (Mentioned the eligible drone kits in the next page of the document).
- Ready-made drones / Racing Drone of higher brands are not allowed (e.g., DJI, etc).
- 3D-printed drones within specified dimensions, including propellers, are allowed.
- Any damage to drones is the participant's responsibility.

Piloting and Movement:

- Test flights are not allowed in or around the arena.
- Any rule changes will be announced before the competition starts.
- Pilots must stay in the designated piloting area and should not move. Only co-pilots can move around the arena to guide the pilot.
- Participants must not disturb the arena. Any disturbance will result in immediate disqualification.
- The arena can be indoors or outdoors, requiring pilots to adjust their strategies accordingly.

Judging and Selection:

- Judges' decisions are final at every level. Teams failing to adhere to the rules or causing disruptions will be immediately disqualified.
- Teams are evaluated based on their ability to skilfully control the drone and how quickly they reach the finish line.
- Teams must show consistent performance and adaptability to different arena settings (indoor and outdoor).

Drone Specifications:

- Drone Dimensions: L x B = 30 x 30 cm.
- Allowed Drone Models:
 - **DM002**
 - **DIY Mini Wooden Drone**
 - **Xyq drone -1 and 2 models**
 - **E88**
 - **Hx- 750**
 - **Pluto 1.2 DIY Nano Drone Kit.**
 - **3D Printed Drones**

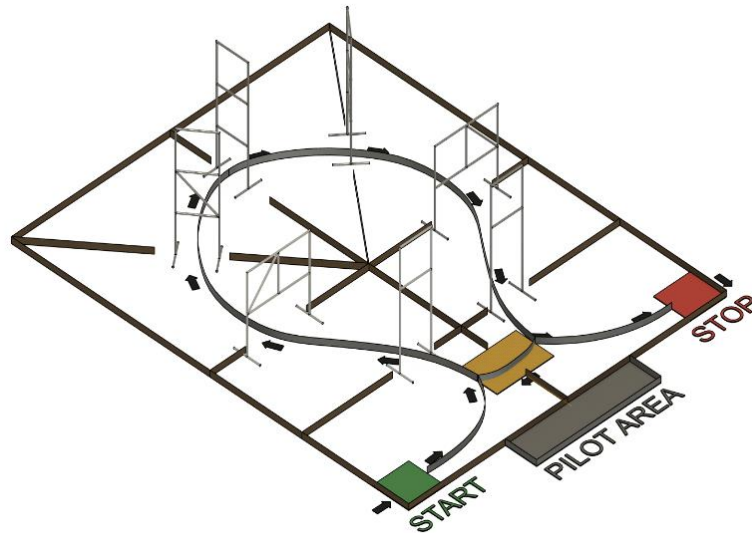
Referral links: -

- [Daily-Shop-HX-750-Drone-Quadcopter-360-Degree-Movable-Stunt-Drone-Without-Camera-for-Kids-Unbreakable-2-Extra-Blades-\(Multicolor\) : Amazon.in: Toys & Games](#)
- [Pluto DIY Nano Drone Kit Pluto 1.2 - for Learning Stem & Tinkering, Crash Resistant, Smartphone Controlled, Rechargeable Battery by Drona Aviation, 25 educational Drone Programming Projects : Amazon.in: Toys & Games](#)
- [Buy DM002 DIY Drone Kit With Manual at Cheapest Price – Robocraze or DM002 DIY Mini Micro FPV Quadcopter 4CH 6-Axis Gyro RC Quadcopter Drone – xyzhobby or DM002 Wifi altitude hold headless mode| Quadcopter-Drone Spare Parts- Motor And Circuit Full Parts This drone is your own creation Build drone camera 4k 1080p drone camera for kids 8-12 drone SALE-drone flight controller- : Amazon.in: Toys & Games](#)
- [POTLIBABA RC Drone Educational DIY STEM Kit | Skill Based Fun Toys | Educational & Assembly Game for Kids 6 to 18 - Multicolor : Amazon.in: Toys & Games](#)
- [XYQ-2 Wooden Assembly DIY Toy Drone Aircraft with Remote \(makerbazar.in\)](#)
- [ROBOPIA's DIY Wooden Drone Kit \(Without Camera\) For Kids Or Beginners | Build & Assemble your own Flying Rc Quadcopter With Altitude Hold, Headless Mode & 3D Flip | Best Toy For Boys & Girls : Amazon.in: Toys & Games](#)
- [HEYCANDY-E88-Pro-Drone-with-4K-Camera-WiFi-FPV-1080P-HD-Dual-Foldable-RC-Drone-Altitude-Hold-Headless-Mode-Visual-Positioning-Auto-Return-App-Control-Multicolor \(Single-Battery\) : Amazon.in: Toys & Games](#)

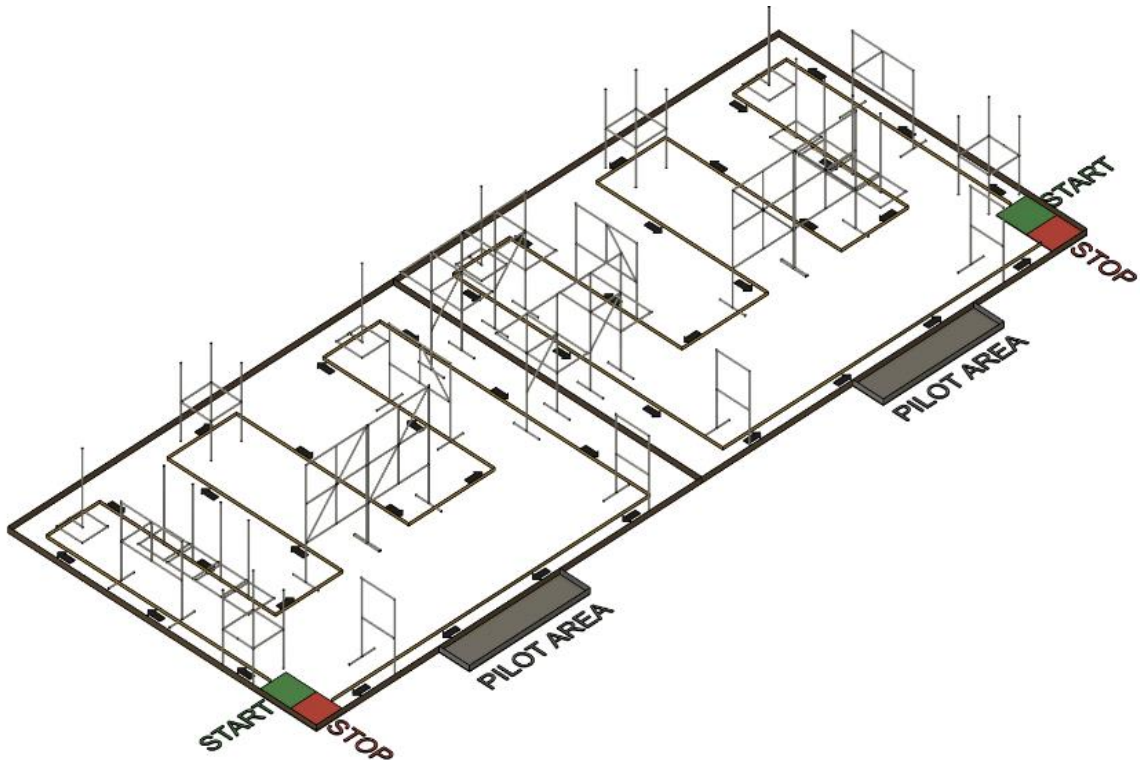
Arena Specifications:

- Zonal Level: 20 x 20 feet with obstacles.
- Final Level: 50 x 20 feet with obstacles, split into two sections for two teams to participate at once.

Zonal Level



Final Level



NOTE: Please note that the arenas shown in the images are for conceptual purposes only; a few modifications might occur in the real-time arena.